



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL CENTER FOR ENVIRONMENTAL ASSESSMENT
WASHINGTON, DC 20460

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OFFICE OF
RESEARCH AND DEVELOPMENT

MEMORANDUM

SUBJECT: Assimilation of F1 mating, estrous cyclicity and sperm measure results with P results

FROM: Eric D. Clegg, Ph.D. *E. D. Clegg*
National Center for Environmental Assessment (8623D)
Washington, DC

TO: Annie Jarabek
National Center for Environmental Assessment (MD-52)
Research Triangle Park, NC

I have reviewed the result tables on the F1 mating, estrous cyclicity and sperm measure results provided by Ray York of Argus Laboratories on January 15, 1999. The only statistically different result in the new data are in the fertility results where the control mating and pregnancy rates were significantly lower than the dosed groups. The values for the dosed groups were uniformly high. There was nothing remarkable in the results for the other parameters. The results with the P generation in mating and estrous cycle monitoring hinted at effects at 0.3 mg/kg, but those were not replicated with the F1 generation. Thyroid and ovarian weight data are not available yet for the F1. Thus, to this point, the F1 data are not supporting the existence of U-shaped dose-responses.